

Message

From: Withrow, Mark [MWithrow@portla.org]
Sent: 1/3/2018 2:43:34 AM
To: Randell, George [Randell.George@epa.gov]; Sadrpour, Shirin [SSadrpour@portla.org]; Benfield, Heather [Heather.Benfield@tetrattech.com]; O'Donnell, Maclyn [Maclyn.O'Donnell@tetrattech.com]
Subject: Fwd: Wilmington Marine Services Proposed Sampling Plan for USEPA
Attachments: Proposed Sample Locations EPA 20180102.pdf; WMS Groundwater Data Summary 2018-01-02.pdf
Flag: Follow up

Good Evening George,

Attached please find our proposed sampling location map and a summary table of our previous groundwater sampling data which we had not provided. PCBs were not detected in the two grab samples that we collected to date.

A brief explanation of our map and sampling plan is provided below.

- The entire Site has been divided into a 50-foot by 50-foot grid with a smaller grid of 25-foot by 25-foot grid to delineate the western section of the Site, based on observed elevated metals and PCBs; New locations are green circles.
- Previous sample locations without PCB analysis will be resampled for PCBs. These locations will be adjacent to the original sample locations (red Xs on the map);
- Areas with elevated concentrations will be further delineated with 10-foot step-out sampling locations and include (yellow circles on the map)
 - TPH and PCB contamination near Tt-WMS38 and Tt-WMS39
 - Metal and PCB contamination near Tt-WMS53, Tt-WMS40, and Tt-MWS5
- Soil samples will be collected at 0.5, 2.5, and 5 ft bgs and analyzed for moisture content, PCBs, Metals, and TPH at all sampling locations;
 - Samples will be analyzed via USEPA Method 8082 with the Soxhlet extraction method (3540C) for PCBs
 - Samples will be analyzed via USEPA Methods 6010/7471 (mercury) for Title 22 Metals
 - Samples will be analyzed via USEPA Method 8015 for TPH-gasoline C4-C12 and TEPH C13-40;
- All analytical data will be reported on a dry weight basis
- Two groundwater samples will be collected via the Hydropunch technique within the two areas of highest concern: adjacent to locations

Tt-WMS20 and Tt-WMS53 (blue circles) and will be analyzed for PCBs, Metals, and TPH-gasoline C4-C12 and TEPH C13-40;

We look forward to our upcoming conference call. Please let us know if you need anything else.

Regards,

Mark

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